

## Abstract of the Disclosure

In some embodiments, the invention involves a system having a first group of integrated circuits connected in a truncated ring fashion, wherein the truncated ring includes a truncated region to allow for additional integrated circuits to be added to the ring. In some embodiments, the invention involves a system having a group of integrated circuits connected in a pseudo ring fashion, wherein the pseudo ring is created by data flow of bi-directional signaling between the integrated circuits. In some embodiments, the invention involves a system having a group of integrated circuits connected in a pseudo differential arrangement in which multiple conductors carrying signals share a common reference signal conductor.

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